Paped Morch 1828

On the Devangementof the Digistive Organs.

By

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of New Tersey

Submitted to the surpretion of the medical faculty, with much diffidure; for although the sentiments held forth in the sery, have been adopted and believe by the surther from his nating and orflection, yet he acknowledge has surpressione in so emploised a subject on began that this may be his event for the improving it open the Obelad & much to the 1823

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On the derangement of the Digustive Organs.

Amongst the numerous ill that man ishein to, there are none which present a mon in teresting subject of orquery to the Patholegist than that class of diseases which affect the vacera concerned in degestion. This function is so important to the arrival economy, so essential to the confort and well-being of man, that the least-distur bance or interruption of it is dollowed by effects which are felt either directly or by sympathy in way part of the frame It is not until within a few years that ony considerable advances have been made to wards a correct knowledge of these insedious maladies. It is cheafly to the researches of the ingenious De Philip and more recently

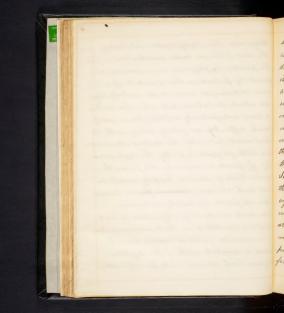
to those of Dr fas Johnson, does the profession then stand indebted for their present store of information, derived from abroad, relative to the pathology and trestment of these diseases. The distinguished Professor of the institutes and practice of medicine in this school is certainty intetted to a large share of credit for the fath. ful history he has given us of the malaties in question, and for the attention he has. devoted to various affections of the prima via in general. Nor is it to be wondered at that this branch of Pathology should have so long remained obscured by the clouds of error, when we reflect on the Protee-form character of the diseases of the stomach and chylopoutic viscera, and the consequent difficulty of reducing affections so various and dissimilar to any correct system of nosological arrangement.



Induced the rage for classification, and the attempt to point out specific and appropriate rem idies, have contributed not a little to prevent our attaining to a correct knowledge of the classes of diseases in question, whose characteristic symptonis were so multiform and anoma lows, as to render abortive cong attempt at cornet classification. This is confirmed by the fact, that many of those affections which are well known now, to be mere symptoms of derangements of the Digestive Organs, were considered by De Cullen and other systematic writers, as idiopathic nervous diseases, and were accordingly arranged by the former under his class neuroses. Even the learned De goods with all the advantages derived from somproved sudual science, has fallen into a similar error, by healing as friman effections, certain diseases which are manifectly no-

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thing more than symptomatic indications of the class of disease under consideration_ In practice tog physicians are invariably re quired by patients, or their friends, to affix some determinate name to the malady they are about to relieve, and when this matter is once satisfactority settled, there is racely much difficulty in getting a long with the heat ment, but when the medical attendant is a little puzzled to gratify the eager curiosity of funds or merses, on this point, the endless class of neuroses" happing comes to his aid and at once presnowness therease nervous Thus all parties are readily satisfied. This mode of adjusting difficulties, is but to often resorted to, in that numerous class of anomalous affections which proceeds from a morbed state of the degestive organs. and it were well for afflicted



humanely if the web ended here but about temperical and prenecous doctron that carry disease, is destinct in to nature, and requires its specific semedy, is here brought to bear and the poor patient is deenched with two less, stomaches, and ands, and and to passon when according to the various symptoms until within that the thind by comes to his relief, or nature added by through comes to his relief, or nature added by through which leads prim from the morriless olivership of the Dutton's cures the disease.

It will hardly be required of me to describe the office of the stomach und other lighter argans, much less their anatorry- embyels; which are function to was first course estudent of inchesine my purest origin is with their pathology. It is necessary to my purpose however to glane at our physiological fact, which is that there organs are liberally



supplied with nerves and of course posess much of that principle called contractitity. or arganic vensibility. In a healthy state, this punciple , we for at least as the stem ach is concerned, is only munifished by the sinsations of hinger, thirst, and sale ety, if we except that pleasurable one, which every one apperences, when the funeions of this important began are carried on in a healthy manner. These sensa. tions may be considered as instinctive, and are implanted by nature for the purpose of directions the various animal actions. In a state of disease however this sensebility iccomes so much exalted as to produce sensations, amounting often to actual pain. which is directly refusible to the part officted at other lines displaying itself by various sympathetic affections in other and often



remote parts. These sympathies use doubtless to be attributed to the wonderful nervous inticommunion which extends through why part of the system - but is especially displayed in that complicate tissue of reservous arrangement; the france olympa thetie, whose ill pervading influence oums to reach way part of the animal frame. The Stomach then is the centre from which radiates in all directions these variet sym pathies. No long as this important argan continues in its natural or healthy state, the individual has a consciousness of case, comfort, stangth , and pleasurable feelings. with an appetende and desposition to physiout and mental exertion, and an increas ed animation and vivacity - there is distance no distanct sensation. When on The contrary, the normal actions of the



Stomach are devanged, there is a change in The whole man according to the nature of the disturbance. There is now, distinct monation but not of ease, comfort, or pleasure - in place of these, there is suchness or leave or langour or opposition, or some other fuling directly rejevible to that organ which affects the whole frame, depriving it of its accustomed energy, purhaps sinking it interstate bordering on the extinction of life. These are chafty. the effects of causes acting immediately on the stomach, and may be produced ut any time, or, in any individual however well in other respects! They may Muriford to conside at as the result of normals wolvers, continuance of these, or cause which weaken the or, an or purert its heat they and natural actions, whether acting directly on it, or indirectly through other



parts or organs, produces effects attagether differen ent- from the jougoing. These are manifested by numerous anomalous affections excited in various, and aften, remete parts of the body, which although obscure and with difficulty traced to their primary seat, are nevertheless well known to proceed from disveders of the stomach, and other digestive organo. a late factions wreter, abroad, who Takes occasion to redecide what he is pleased to stile Fashions in Physic" remarks. that it was not until of late that people knew they had a stomach now this organ is specken of on all occasions, and I yspepria, and Indexistion, are all the rage. Such indeed in the lamen lable fact in the present perverted state of mans appetiti. In consequence of his great derelition from natures simple plan.



those various sympathies which prevail in every part of the animal coning, and are calculated is diffuse that ineffable and indefinable sense of pleasure, throughour which . wo can better estimat: by the lass, thandemonstrate by its presence - these very nervous sympathies become a source of pain, end of todely and mental disease, as is too often exemplified in that stoomy train of nervous maladies, which applied the exhousted and shallised frames of the votaries of pleasure. Is describe the canons records my apulions, which proceed from disordered de, isleve veyons, and are radiated through way part of the body, by means of the numberless nemous so majerations, were to undertake an entless to bearing as it would be inseptinsive with the whole cata loque of hisoous ills, as they are rand by copy verying ideoxynorasy - sufficient to say, that there



is no part of the human system, which is not occasionally brought ente and he of dy m paster, by the disorders reject to. She bear and its chjundages the heart the bengs the keelings and bladder the muster of woluntary and involuntary motion, on all by lums made teput the displeasure if an irrelated slomuch. . Sos . It these or myathers experienced above in the corpored yearne the mend is also brought to participate in the suffering and this in no inconsiderable dy ree w is redeted in Hypoche endreases. There are still other affections known, whose shades of difference from a healthy otate, un se industinet; as to pass unnoheed in the casual observer. I refu to those slight and almost inappreciable deveations from a state of mental sanity. which consists, in mere deminished energy, beclouded perception, confusion of thought, a sike by and disponding feeling, which causes the suy



bur to new every thing, though a gloomy medium. a state of mind, which well be untily unders tood, by every observant desprofitie. It would be a curity of speculation to trace to in lunce of disorders of the kind under consider ation on the moral conduct of men. That it receives an important bias from these Johyse cal causes, no one can doubt who is at all. versed in thebranch of pathelegy. Opposion of mental energy, capriciousness of timper and inlability, suspicion, jealowy, and others bad pus sions which are destauctive of the receil feelings, and extend on unhallowed sway over the moral actions of men are often the effect of disordered digistive organs. The causes of the desangements in question, may be said to consist, in that departure which is caused; by a state of civilization and refinaments from rature's plan of frumordial simplicity.



In these times of almost Ocean luxury and efferninacy, when the engeneity of man, is con stantly employed in divising the means of somporing the appetite, and contributing to sen. and qualificacion, when allow may be used to be unceasingly in Keny, to allerase the per. verted cravings of that idol of the sensu atists worship . The stomach, it is not to be wondered at . that we should pay the fren ality of one havery them transquested the lim its of Nature simple by incurring a multitude of diseases unknown to our more temper ate ancestors: now is it less surprising that the Stomach and digistine organs, should bear the ones of this suffering. I need scarcely mention intemperance in the use of stimulant potations, such as spirits wine, and been , which are a furtful source of the disorders under consideration, and under this



head might be classed the common bever, ages, lea and coffee, where habitical use, has contributed not a little to the same end. Besides what may property be called injeste, there is one other begung the immourrate use of which is destructive to the disestive function. I allude to tobacco: and it matters but lettle unether this be taken in the form of anuff. The cygae, or the quide; its influence is alike deleterious to the stomuch. modern refinement, nas introduced many other innova tions, which have then share in the prevalunce of these diseases, and amongst this I. menter late hours, sedentary employments, wants of exercise in the open are intense apple cation to busyness, or intillectual exection. which last seems to act by depriving the digestive organs of their due share of cerebral energy. There were other causes which are



consisted with orine, I wel there go, i's ofer rate through the surper, is inno, to portion in reders of the liver or steleen? such as in medity, vesissitudes of temperature and miasmot ie exhalations. These however affect the digisters fire so only secondarily. Besides the preceding, which mus be called , in secul courses, there in . Hers of a moral character, which, although his common and less obvious, are not the less welven in their expected or these we may min how the depressing passions, greef, anger, year. In the juriant who i of seculy, there are a thousand cause of mental purturbation and anxiety, growing out of the various rela tions in which munkind are placed, that conspire to gave hirth to the wel my we to. and in comparison with which most of the physical causes dwinds into insignificance. I wed only invlame a year of Hor- us the contains



of business. domestic cares the diser of fame, imbetion all of which wert a man or less degree of influence, on the digestive functions, which, when long disturbed to the extent of impairing the secretions, are apt to run into structural or organic diseases. But mon of 11 hereafter. To detail all the symptoms of these disorders, were almost an endless task. They are us various as are the numerous sympathies that are called into play in the various organs and structures of the body. It may be well however to inumerate some of the mos- prome inent; and the mas or deveded into ideopathic and sympathetic. by the girst are pain in come of the regions of the abdomen, particular by after taking glood, Ogrosio, Jastrodinia, load ut Stomack or the Gigastrium. Of the secon. class may be mentioned paspulation of the heart. emtation of the lungs , croducing rough . dy.p.



nova, and pain in the breast, various distaining affections of the head (some of which the patients are at a loss to describe ; which in their aggravated form, sometimes threaten apoplery, extreme drowness, pain in the eyes perces sion or even loss of vision, impained hear ing, confused counds, and timetus aurium The intellectual function too is often disturb. ed no climes, nay not unfrequently, to the extent of mental atienation , but more commonly by conjusion of ideas, loss of memory, Ayection of sperits day or dency . Host of these lutter symptomic are so deverse and equivreal as to render the diagnoses extremely . deficult, execut lo and accustomed to combat these insiderous matadies. Amid this host of deluvive indications, however there are generalig to be found others , which serve to aid the wary practioner in tracing them up



to there true source. I in her I holo int view I am somet a . I the desorders under en where I will not press to leavels the ... if close of the I store or seen the by cent days of how mild a reading to the plan journely journal. in the west my .. I fee there . . with the "cal to him usage dagice of to see, hat ing are forms very sented in he lonch or liver your which My colemn to the duckness and prancies, and final. to all the spen of the abdoman, a jecting these in a greater or less degree, seconder. le There duration, as he the veolence of the cause. In can' his moret in consists in its inexp is die, it is well to vay; for dissection does not reveal any suchered usion in the stage, of this disease, but as already remarked, i'w namercy, in ely one of function hats in congresse of the plan of the . . no to ! ..



10mm has ichafact spor to bound not been cetal report by the justice actions treames a sure of inetalion has the sentient nevery the collour coat acquire a state of martid sensitity, which is were consmitted to the contiguous parts, through the retirelated communication of the inter cortal ranes, bronging them into a sympothetic relien; and benutly in consiguence of the few masculation of these nerves with the prime mo questice, and ember spenal. theng there maded influence to the remotest- organs of the system, as is manifested by the numberless sym whether sicher store alluded to. Shis disturburner i' unclion with do consequent - morbid sensibility, a region of over class in intance so Hose of digistion, cannot long prevail, without causing severes wany action of some hand, and the is first man, wied in a deteraration or Umenution of their springpriale secretions;



and the same very schon if long continued must contende en desorganization or abrachered desease. This interruption of unche most commonly begins in the alamach. May it not tore its wet in The muce parame lands fromonly , which so like ally out ! that organ and gurnish to meretion These in common well is the glanderton of parales of the system, are dependent so their built that action, on he repilly a that as serveres in plumes which ing receive through the mediane of the combest nerves, on the je not junteren of lipe, the bean; and my introplem of this inflower. it countries to health and left, must perdure a conresponding interreption of praction, with in the . buils theme , and in the organ i which they are subsidiary. Withen the proce whose abnormal condition we are now considering, in effected orn ply by the solwent powers of the gaster liquor, or so fractly relat and the result of a soil of chelive offeredy promoved



by the vellow cour of the olomain and intelines, and encine, hours the internation of the server so liberally destribute to the twee, who the section of spirock were of a Goldenie series . I is provided regard the reach a runan intellier to determine. most certain it is nowen er, that the nervous ogstene is a inverse, may endis a unsable injuence in the important genetion in here. stion : and from men; experiments when have been made on various atimentary substances, by subjecting them to the action of the yester solvent . I would seem but her last has principal agency in the process, and that any intemple as a general of the necessary in the appearatus which repples The necessary menoticeers, has the first to deminest in quantity on inches to justely. This is exemplified by the well known gast, that the degestive power of the stomach in a funded as destroyed so us the is personent a went they relogists, to preumogasie never has been iied or a inton cut out, so as complete.



by is destroy then shelity to conduct the influence of the veaen to this organ.

· · · · · · · · · · · · · · · · · · // « · · · // « sold enister and the des i jemet contra ente y when is that was we suggest is it is my an might the how as I he much and periops of last, the seat At, the is vers i to wistemen, be . I describe mite & the morbid condition. In the welly start of the mon interruption of your toon, there is little to de mess one pressure from ithout but for continue ever have soon, wedown of in most sensitively and a where at the in gooding of a 2 go it The aprey extreme wer it leave at reces it in the way extends to the organismit . we, the product



is unable to lear , we are in the rest ingression druene, more represently is the feet if form. the ductionem. Als a see was commonly the we where if tesion in this last in the net region . "ifterled by the listers or frain experienced one nouse . The watery weren he send his present the juglacus, packaps in in imperfectly by sold state, is to come a source of incloton to this orgen in to turn. From the denot ammelion between the decodimum and the live I want jud all had the term can ambane long der in wit ret affecting the latter in a greater or in degree, were do I think · Dyaped son wen in its mildest girm, can punal long we have preducing some disturbance of fundtion in the plants, mon justicularly the latbe us is vincid, by the larger of bourte so come mon in all stages. Inheel to decise, from some parterulur occumstances, or juckepe gram a creation. a state of the liver often expends its principal.



for a offer spice at is pet at books the wind . infetones will complain of hain in one or both shoulders, of sense of uneasiness in being on the lift ade. This state of things enhances the difficulty of the ourse for under These circumstances, there is always were or less conquetion of the portal results, from their werry led in protes function, and of care a gouter tendency be . t. wineral discuse of the delive to muchos "currer. An example of the occurrer in the proces of my prespect is it I will in whom shows -Hi able to the congruence of syspepsia, himen ted in waters , sent in in morning from which how. were he gound himself enterety afrom the two former distussing complaints. It Hi. alleges that he has known the same thing to occur in other cases than his own. Although the disease of the liver, may often be the effect, get it sometimes the cause of the dyspapetie Afrelion; nor can the former previates well exist. without some devangement of the legister ugano



en ly ere it is a willen to a sign and inditermenate sympathy to account for this phe nomenon, when it is recullected how important on influence this gland exercises over the abdominal viscous and how the venous blood of rearly all these organs presses through the renaportarism, into the liver . there to be elaborated into a fluid see generis, which is inclistensable, not merely to the process of assimulat. ion, lut- to empar to the bourts ti-1 stemmelas, which is requisite to keep up their mitural action; it will not cause astonishment that quel devangements of the degestive organs, gineally, should be the consequence of any serious lisuse of this important vescus, intimatity us they are connected with it, both in function and position; moreover a deseased state of the lever, must needs be followed by more or less congestion of the results of the stomach and bowels, which besides inpeding their several functions, must increase the



Intency to wrong action, and quanty enhance the langer of organic disease. But here we have an example of a wonderfull provision in the wonong of nature, to avert wel, and to guard these me portant organs from the consequences post advelle to. It is the yelon which, vegond all question, w designed us a resurvoir or rather as a waste, ti, to let of that surplus or excess of blood with with, the stomach and bounds would otherwise be hus thened, until nature by her own recupe rative efforts, or by the aid of art, can be retired Should these poor as a coaling, and how mosted. and perverted, actions continue, the spiler from offected in turn . Congretion . I - viscus is get -lowed by inflagnation chanic or acute; there is just intergement, purhaps industion; The incus houses of the abdominal contents become thechered, and all their functions are, more or less, intermitted or suspended. But nature was murph



in expedients, mais a carther effort is awarparted liston and disorgenization, by opening a
new drawn, and relief a flew efforded, by a discharge from the theorems delected results. It apresentable, that these assertes are if joint on
the part of nature to preserve her everts, would

generally succeed, of she were not thwasted when by the officiousness or ill directed aid of the Section, or by a pursurence on the partof the patient, in a course of deet-altrogether adverse to her simple jolun. Il'un nouveren all means of relief fuil, one viscus of ter another becomes involved, until not merely the abdomenal, but the julier contents non sometimes thou " the thorax are at length effected, and the gune lions of all become more or less interrupted un. til mara mus, or bropsy, or phthrows, genetly closes the same. If the preceding pathological view of the multiform malady under consider



ation is correct, the Scatment, both as regards . medicine and regimen, should be more simple than is supposed. But the former will be of little want, without the strickst attention to the latar. It is difficult to las down a rule whereby to regulate the diet with any great- precision, so different on these expections, it were. The edwayneracces in different mdividuals. As a general rule however it should consist of the farenaces, and milk or cream, and the pratient (creeps in the early stages when lean animal good may generally be taken with imprimity; should avail all fatty articles - all kinds of pastry. into made lead, and buthe cones all con dements ever i well = plotiched regelather and unorpe fruits, and liqued whatever be their composition can revely be tolerated by the Syspeptie, in any considerable quantity - even soup which inight-be supposed to contain exhactive matter both animal



and regetable, in a what of all others must assess Materl, is nevertless very oft to run spendity in to the actions fermentation, and cause great-distress - tea and coffee, beverages, now in such com. mon use, as almost to be ranked among the common necessaries of life, rarely up re with -The dyspositie stimuch. They can sometimes be taken with advantage however without sugar, on small quantities. Stimulating drinks, such us the various alcoholic preparations, are al -aways hurtful. The medical the trust may profecely to divided into two kinds that which. is necessary to obviote accusional symptoms-uni that whose object is for the relief of the discase. In cases of great morbic sensibility, one of the most destressing offictions with which the dyspeptic is troubled with, is pain in the stomach or duodenem, caused by the irritation of indepositible ingestie. This is most effect



wally selived by evacualing the atomach, when by laking warm water, or, a few grains of Spaceucumha, which is for less seguenous than the common mode of relief by anoign medicine, which may induced along conditions, but it is at the explance of increasing the excalment ward in ritabelity of the stomach, and bowels . Loudy se common and distursing a symptom, and name are best relieved by the following to solve the solve the

adde of am now burner 31 m.

se math a cold of suffel mall to given per se mate. To answere the same indication the felom town, per parties of your voy confert

lito; June 30. m.

", This a temporar fall may be shen occur willy miget with milk.



I am right to prace a webs extended The decon- and never the mole took we we are of dent in the was, eight a word sign post. a nem in the course, and next " motion in a core effected, non a c'at of a very when the I as norm il maletone. In the encepant less of the meterdues in question, will were is messery have about Monthon le liet masmuch as one of the journe feet every even a conwholescene a mity will well a drink . indiane perhaps as much estil per. per , 1 1 a cen as more he required is about orusion to apropolimes until the in in when we beness appealin of confermed wrong weben, and in arraphel jundan. Ande in a comsteness mon yeter measures are called per and here the blue pull is he appropriente remedy . In raine of the furation of the maderine will be rately undertied when we reper is what was will on the perthology of The discuss. In percha of my prophe is it.



of Sunction, when In opin offeren prosent to a great degree, owen, to the succious and sulen. long habits of a large peropositions of the propulations is to give the blue full in doses of one go of the mass cory two hours contil six fills are taken per day - giving at the same time, where the bowels are slow one or more fulls compre. sed of the blue mass. The and . tow of led. line, but not in quantities, sufferent to die turb the patient before the polowing morn. ing. This plan of treatment is continued with in until relief is afforded, or a slight linguam w apparent on the gums, when the use of mee every is he be suspended for a pew days, and in gin resumed until a simplar effect is produced. It is rurchy necessary however to carry I a shee extent; more than once or kine, as the distressing symptoms, except in the more advanced stages, 1000 begin gradually to abute . If no alteration



waver are film ofthe o gave civil of the mining and the D. I continues in some course you would months, he next has received to the miles main able wild in the go, town profusions, very,

mercatic zie

of more superior and we haveled you were and comment when the superior has a special. Then there is read to give relief to do uses besides the notes measured to give relief to do was besides the notes measured to get scoth which is conjunction with the some motives has prequently precluded everywang effect a many case of conjuncted character when there is a many case of conjunct character when the worthlages of the right hypochondrum, to a many of the right hypochondrum, to a many on after the file was a superior or the right hypochondrum.



ded by the latter nemedy, where there is local in langelion. Indeed the detraction of blood generally a lopecally, is often a necessary pretime many to the spectral whether a the merenty. Jonies are rarely, an immediants were, recurring on the desaction conductionboth have a undering to confirm a very whire. and a souvert functional into vicultual desense. in cases of individuals in advanced life or whom constitutions have been shattened by intemperance. there so sometimes an inability to take the mercury, in consequence of its effect on the inevels. In such cases it is admissible to comvenu a minute portion of openin with that drug. to prevent to irrelating effect. Invasor when the liver is construe, was infifund of inse than a generally suppose it become necessary to modify it practice , so as to endeasouste relieve the chylopoetic wours from the congestion, which



is the necessary consumme of the partie diverse. Here such combinations of the more well preparations are called for, as well hap up the constant action of the bowels, without causing too much correlation, when in them, or in the stomach. For this previous the following preparation is used by 2. The.

A. Mase of hydrary 3 ij

Alach 3 i

Alach 3 i

Apa: Nenst 3 iip

A Rhei 3 iip

Ogo Ahii 9 s. m. L

U IX iv den.

in full IX is den.

of their fulls one or two are given very two hours,
until they operate, and this course is pursued—
image other day, until relief is persoured, which
is commonly experienced in a little while aftic a gentle futzalyon is brought about—
the cases of the above disciplion, as also in thou

where the splen is disordered; cupping 10.0. and irritating plasters to the part, an generally required. and it is somtimes necessary under these circumstances, to have recourse to the sexton or ipsue Having extended this essay much beyond the limits originally contemplated, I must needs pass over many of the minor parts of the case rative plan, which are too familiar and com mon place, to require elucidation. The same considuation induces me to omet-many inter esting cases which are furnished me by my preceptor, Mustrative of the truth of the foregowing pathological view and exemplying the benefits of the warment of the various of Jections, which I have ventured to describe in these hastily written pages.